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BANGALORE UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

Phone Off: 080-22961935 / 1946
E-mail: centrans9@gmail.com

JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2015-16/ **Date: 21-09-2015**

TEST REPORT ON WET MIX MACADAM MIX

(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*: Development and asphalting work at Ashraya Layout Residency Roads in Ward No.11, (Kuvempunagara)}

Ref. : Letter No. Testing/BUB/2015-16, dated 19-09-2015

Sample supplied to lab by: Sri.N.Keerthi, Contractor,
Bangalore.

Report required for: Assistant Executive Engineer,
Vidyaranyapura Sub-Division,
BBMP, Bangalore

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53.00	**100.00**	100
45.00	**96.50**	95-100
26.50	**---**	-
22.40	**75.00**	60-80
11.20	**45.00**	40-60
4.75	**36.00**	25-40
2.36	**24.80**	15-30
0.600	**17.40**	8-22
0.075	**5.00**	0-8

*As Furnished by Client
The Results relate only to the items tested

JE-II

21/09/15

G.R. HARISH
Professor
Department of Civil Engineering
Jnana Bharathi Campus
BANGALORE UNIVERSITY
Bangalore-560 056.

Dr. MANJESH .L
ME (Civil Engg .). Ph D MISTE.MIRC
Associate Professor
Department of Civil Engineering
Bangalore University Jnanabharathi Campus
BANGALORE- 560 056.
e- mail: manjesh1@yahoo.com

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Phone Off: 080-22961935 / 1946
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JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2015-16/ **Date: 28-09-2015**

TEST REPORT ON BITUMINOUS MIXES
(BITUMEN EXTRACTION TEST & GRADATION TEST)

Sub: Testing of Bitumen Premix Sample (Semi Dense Bituminous Concrete-SDBC).
{Project*: Development and asphalting work at Ashraya Layout Residency Roads in Ward No.11, (Kuvempunagara)}

Ref. : Letter No. Testing/BUB/2015-16, dated 26-09-2015

Sample supplied to lab by: Sri.N.Keerthi, Contractor,
Bangalore.

Report required for: Assistant Executive Engineer,
Vidyaranyapura Sub-Division,
BBMP, Bangalore

TEST RESULTS:

1. The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **5.07 %**
2. **Gradation Test** :

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-15 of MORTH Specifications-2001 (Grading – 2)
13.2	**100**	100
9.5	**97.00**	90—100
4.75	**45.00**	35—51
2.36	**33.00**	24—39
1.18	**23.10**	15—30
0.3	**15.00**	09—19
0.075	**4.60**	03—08

* As furnished by Client.
The Results relate only to the items tested.

28/9/15

G.R. HARISH
Professor
Department of Civil Engineering
Jnana Bharathi Compus
BANGALORE UNIVERSITY
Bangalore-560 056.

Dr. MANJESH .L
ME (Civil Engg..), Ph D MISTE.MIRC
Associate Professor
Department of Civil Engineering
Bangalore University Jnanabharathi Campus
BANGALORE- 560 056.
e-mail. manjeshll@yahoo.com